

# SEQUENCE LISTING

<110> Afar, Daniel E.  
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Raitano, Arthur B.

#3

<120> PHELIX: A TESTIS-SPECIFIC PROTEIN EXPRESSED IN CANCER

<130> 1703-018.US1

<140> 09/389,000

<141> 1999-08-31

<150> 60/098,610

<151> 1998-08-31

<150> 60/106,524

<151> 1998-10-03

<160> 12

<170> PatentIn Ver. 2.1

<210> 1

<211> 2128

<212> DNA

<213> Homo sapiens

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Phe Val Phe Ile Ile Pro Glu Asn Phe Lys Gly Cys Ile Ser Gly His  
35 40 45

Gly Met Asp Ile Ala Leu Thr Glu Pro Leu Thr Met Glu Lys Met Ser  
50 55 60

Asn Val Val Lys Tyr Trp Thr Thr Cys Pro Ser Asn Thr Val Lys Thr  
65 70 75 80

Glu Asn Ala Thr Gly Pro Glu Glu Leu Gly Leu Pro Leu Gln Arg Ser  
85 90 95

Tyr Ser Glu His Leu Gly Tyr Phe Pro Thr Asp Leu Phe Ala Cys Ser  
100 105 110

Glu Ser Leu Arg Asn Gly Asn Gly Leu Glu Leu Asn Ala Ser Leu Ser  
115 120 125

Glu Phe Glu Lys Asn Lys Lys Ile Ser Leu Leu His Ser Ser Lys Glu  
130 135 140

Lys Leu Arg Arg Glu Arg Ile Lys Tyr Cys Cys Glu Gln Leu Arg Thr  
145 150 155 160

Leu Leu Pro Tyr Val Lys Gly Arg Lys Asn Asp Ala Ala Ser Val Leu  
165 170 175

Glu Ala Thr Val Asp Tyr Val Lys Tyr Ile Arg Glu Lys Ile Ser Pro  
180 185 190

Ala Val Met Ala Gln Ile Thr Glu Ala Leu Gln Ser Asn Met Arg Phe  
195 200 205

Cys Lys Lys Gln Gln Thr Pro Ile Glu Leu Ser Leu Pro Gly Thr Val  
210 215 220

Met Ala Gln Arg Glu Asn Ser Val Met Ser Thr Tyr Ser Pro Glu Arg  
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Gly Leu Gln Phe Leu Thr Asn Thr Cys Trp Asn Gly Cys Ser Thr Pro  
245 250 255

Asp Ala Glu Ser Ser Leu Asp Glu Ala Val Arg Val Pro Ser Ser Ser  
260 265 270

Ala Ser Glu Asn Ala Ile Gly Asp Pro Tyr Lys Thr His Ile Ser Ser  
275 280 285

Ala Ala Leu Ser Leu Asn Ser Leu His Thr Val Arg Tyr Tyr Ser Lys  
290 295 300

Val Thr Pro Ser Tyr Asp Ala Thr Ala Val Thr Asn Gln Asn Ile Ser  
305 310 315 320

Ile His Leu Pro Ser Ala Met Pro Pro Val Ser Ser Phe Ser Leu Gly  
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Thr Ala Leu Leu Gly Trp Ala Arg Arg Ala Leu His Ile Pro Thr Val  
340 345 350

Cys Asn Ser Phe Gly Arg Ile Lys Ser Thr Cys Leu Lys Phe Thr Leu  
355 360 365

Ser Thr Thr Tyr Trp Ala Gln Phe Asp Asn Leu Gly Lys Val Glu Gln  
370 375 380

Arg Met Ile Leu Lys Ala Pro Pro Lys Asp Leu Ile Ser Lys Glu Leu  
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Ala Trp Phe Gly Phe  
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<210> 3

<211> 50

<212> PRT

<213> Rattus norvegicus

<400> 3

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Arg Ala Gln Ile Leu Asp Lys Ala Thr Glu Tyr Ile Gln Tyr Met Arg  
35 40 45

Arg Lys  
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<210> 4  
<211> 24  
<212> PRT  
<213> Brachydanio rerio

<400> 4  
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Glu Arg Leu Lys Thr Leu Ile Pro  
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<210> 5  
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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: cDNA synthesis  
primer

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<210> 6  
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<223> Description of Artificial Sequence: DNA Adaptor 2

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<210> 8  
<211> 22  
<212> DNA  
<213> Artificial Sequence

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<223> Description of Artificial Sequence: PCR primer 1

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<210> 9  
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